

## PATENT

## CLAIMS

Please amend the claims as follows:

1. (Canceled)

2. (Currently Amended) A method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size, wherein said maximum segment size is negotiated between a transmitter and a receiver;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon

The method of claim 3, wherein said predefined event comprises the receipt of an acknowledgment message from said receiver.

3. (Canceled)

4. (Currently Amended) An apparatus for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

means for negotiating a maximum segment size with a receiver;

a memory for storing the maximum segment size;

a queue for storing data frames, said data frames representing time-sensitive information;

and

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a first processor for generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from said receiver

~~a first processor for generating at least one segment from said data frames stored within said queue when a segment size smaller greater than or equal to said maximum minimum segment size can be generated from said data frames.~~

5. (Original) The apparatus of claim 4, further comprising a vocoder for generating data frames from said time-sensitive information.

## Claims 6-11 (Canceled)

12. (Currently Amended) A method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver ~~occurrence of a predefined event.~~

13. (Currently Amended) A computer-readable medium embodying means for implementing a method for transmitting time-sensitive information over a wireless voice-over-

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data communication system, used in conjunction with a predefined data protocol, the method comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver ~~occurrence of a predefined event~~.

14. (Currently Amended) An apparatus for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

means for defining a minimum segment size for information to be transmitted;

means for defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

means for generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

means for generating a second segment having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver ~~occurrence of a predefined event~~.